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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/899,276

DATE: 11/14/2001
TIME: 09:57:54

Input Set : A:\012627-023.txt
Output Set: N:\CRF3\11142001\I899276.raw

3 <110> APPLICANT: Rosl, Frank
4 Soto, Ubaldo
5 Coy, Johannes
6 Finzer, Patrick
7 Delius, Hajo
8 Poustka, Annemarie
9 zur Hausen, Harald
10 Patzelt, Andrea
12 <120> TITLE OF INVENTION: Novel Regulatory Sequences of the MCP-1 Gene
14 <130> FILE REFERENCE: 012627-023
16 <140> CURRENT APPLICATION NUMBER: US 09/899,276
17 <141> CURRENT FILING DATE: 2001-07-06
19 <150> PRIOR APPLICATION NUMBER: EP 00 114 560.6
20 <151> PRIOR FILING DATE: 2000-07-06
22 <160> NUMBER OF SEQ ID NOS: 12
24 <170> SOFTWARE: FastSEQ for Windows Version 4.0
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 600
28 <212> TYPE: DNA
29 <213> ORGANISM: Homo sapiens
31 <400> SEQUENCE: 1
32 tagaaaatt ataggatcat taagaaaagga gaaggaagag tgggagcaaa tacctggagg 60
33 tagaaaatggt gatgatgtgt acatcaagca gggagaaaaac caatgaacca gatgcgaatt 120
34 cgggcccaca ccaatgtcaa gggatgacaa ttagaaaagga agttgagtc aagggatttg 180
35 aatgttaggg tgaaaagttt ctactcaact ctgttagttt aaaggaaacg ttgagaatct 240
36 tcagtccaaat gaggaggat gtgccatgtt tagagattca gagataagt tcagggaaatg 300
37 taacttatag attttataca tacacagaga aatacggact agtgagaagc tattgccatg 360
38 gtccaagcaa gagatgatga aggcctaaat atggagccaa agaggcagca atgaagaatg 420
39 agccatgcag ggtgaaatgc tgcatgttgtt aaatggagga gaaagacctg tgacttcaga 480
40 tatgaaaacc tcatcttcaa cccacatttt aaggggcag ctccctgaa accagaatgt 540
41 gttccctcc attactatac ccccatccca atctcaggca cctggaatca tccattaaa 600
44 <210> SEQ ID NO: 2
45 <211> LENGTH: 200
46 <212> TYPE: DNA
47 <213> ORGANISM: Homo sapiens
49 <400> SEQUENCE: 2
50 tgtagctaac ttatttcccc ctagtttcc ccagacacct ttttttattt tattataatg 60
51 aattttgttt gttgatgtga aacattatgc cttaaatgtt gtttatttctt attaagtta 120
52 ttgatgtttt aagtttatct ttcatggta tagtgtttt tagatacaga gacttggga 180
53 aattgctttt cctcttgta 200
55 <210> SEQ ID NO: 3
56 <211> LENGTH: 150
57 <212> TYPE: DNA
58 <213> ORGANISM: Homo sapiens
60 <400> SEQUENCE: 3
61 caaagatcac attctagtc tgaggtatac gcagaagcac tgggatttaa tgagctctt 60
62 ctcttcttcc qcctgcctt tgcttttcc tcatgactct ttctgtctc taagatcaga 120

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63 ataatccagt tcatcctaaa atgcttttc 150
 65 <210> SEQ ID NO: 4
 66 <211> LENGTH: 250
 67 <212> TYPE: DNA
 68 <213> ORGANISM: Homo sapiens
 70 <400> SEQUENCE: 4
 71 aggcttctat gatgctacta ttctgcattt gaatgagcaa atggatttaa tgcattgtca 60
 72 gggagccggc caaagcttga gagctccttc ctggctggg ggcgccttgg aatgtggcct 120
 73 gaaggttaagc tggcagcggag cctgacatgc tttcatctag tttcctcgct tccttcctt 180
 74 tctgcagttt tcgcttcaca gaaagcagaa tccttaaaaaa taaccctctt agttcacatc 240
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 77 <210> SEQ ID NO: 5
 78 <211> LENGTH: 300
 79 <212> TYPE: DNA
 80 <213> ORGANISM: Homo sapiens
 82 <400> SEQUENCE: 5
 83 aaggaggagg cagtggctta ggagaatcga gagatcagaa ttttaaactc agcccaagcca 60
 84 ttaacatgcc tcaagtaactc ctatcatatt tgtaagagac aacagttcac tgaatgaat 120
 85 tctaaggctct ttgggtttt atcagtgtgc ttctgttagtt tctgagggaaa tctaaggcac 180
 86 aactgaggaa tgaagtctagg ctttccaatt cccgaaatac tcctccactg cttactcatg 240
 87 tcccttggaa attaagaagg aagccaggag catagctgcc ataaccaggg atgaacttct 300
 90 <210> SEQ ID NO: 6
 91 <211> LENGTH: 300
 92 <212> TYPE: DNA
 93 <213> ORGANISM: Homo sapiens
 95 <400> SEQUENCE: 6
 96 aaaaatataaa aattagccag gcgtgatgtc atgtgcctgt agtcccagct actcgggagg 60
 97 ctgaggcagg agaaccttctt gaatccagga ggcgcagggtt gcagtgagca gagatagtgc 120
 98 cactgcactc cagcctgggt gacagagtga gactctgtct caaaaaaata aaataaaata 180
 99 aaaaatgcag actgtgattc agcaggcttg ggttgaagcc cagaactctc tgataaattc 240
 100 aatggcactt aactacttgg aggtcatggta tgccttgct aatctaatacg aagctactga 300
 103 <210> SEQ ID NO: 7
 104 <211> LENGTH: 650
 105 <212> TYPE: DNA
 106 <213> ORGANISM: Homo sapiens
 108 <400> SEQUENCE: 7
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 110 gtatctggaa tgcaggctcc agccaaatgc attcttctt acggatctg ggaacttcca 120
 111 aagctgcctc ctcagagtgg gaatttccac tcacttctt cacgcccagca ctgacccccc 180
 112 agcggggggag ggcatctttt cttgacagag cagaagtggg aggcagacag ctgtcacttt 240
 113 ccagaagact ttctttctg attcataccc ttcaccccttcc ctgtgtttac tgctgtat 300
 114 atgcaaaggc caagtcactt tccagagatg acaactctt cctgaagtag agacatgctt 360
 115 ccaacactca gaagcttgc tgaacactca gccagcaag ctggaagttt ttctctgtga 420
 116 ccatggctca attggcttcc ttctctggat tggcttcat cagataaaaaa caagtggatc 480
 117 atgccacagg atgtctataa gcccatttgc tctggattc tatgagtgtat gctgatatga 540
 118 ctaagccagg agagacttat ttaaagatct cagcatctt cagcttggta acctagagaa 600
 119 aaccgcgaagc atgactggat tataaaggaa aattgaatgc ggtccaccaa 650
 121 <210> SEQ ID NO: 8
 122 <211> LENGTH: 20

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123 <212> TYPE: DNA
124 <213> ORGANISM: Artificial Sequence
126 <220> FEATURE:
127 <223> OTHER INFORMATION: Part of 3'-DHSR
129 <400> SEQUENCE: 8 20
130 ggaagggtga gtcaaggatt
132 <210> SEQ ID NO: 9
133 <211> LENGTH: 21
134 <212> TYPE: DNA
135 <213> ORGANISM: Artificial Sequence
137 <220> FEATURE:
138 <223> OTHER INFORMATION: Oligonucleotide
140 <400> SEQUENCE: 9 21
141 gataagggtga ctcagaaaag g
143 <210> SEQ ID NO: 10
144 <211> LENGTH: 21
145 <212> TYPE: DNA
146 <213> ORGANISM: Artificial Sequence
148 <220> FEATURE:
149 <223> OTHER INFORMATION: Oligonucleotide
151 <400> SEQUENCE: 10 21
152 ggaagggtga gtcaaggat t
154 <210> SEQ ID NO: 11
155 <211> LENGTH: 21
156 <212> TYPE: DNA
157 <213> ORGANISM: Artificial Sequence
159 <220> FEATURE:
160 <223> OTHER INFORMATION: Oligonucleotide
162 <400> SEQUENCE: 11 21
163 cgcttcatgtga ctcagccgga a
165 <210> SEQ ID NO: 12
166 <211> LENGTH: 25
167 <212> TYPE: DNA
168 <213> ORGANISM: Artificial Sequence
170 <220> FEATURE:
171 <223> OTHER INFORMATION: Oligonucleotide
173 <400> SEQUENCE: 12 25
174 ttttggattg aagccaatat gataa

VERIFICATION SUMMARY

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